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April 16, 1963
JH-M-543

Dear Joe:

In accordance with Paragraph 7.2 of the Statement of Work under PR-8200 we submit the following final acceptance test procedure for types IA and IB:

"The camera system shall be flown in the vehicle two times within a one week period, unless weather or vehicle conditions force a delay for the second flight, in which case the second flight will be conducted as soon as practical. Each flight shall approximate the mission profile (attached) in altitude and duration, and vehicle behavior shall be consistent with vehicle contractor specifications.

In each flight, the camera system will be programmed for at least four runs with total film consumption of at least 4500 feet. At least one run in each flight will be programmed over ground based aerial targets of high contrast and in good condition. The target run must occur with solar elevation 25 degrees, or higher, and under clear atmospheric conditions. The target image must lie not more than 20 degrees off the vertical.

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Acceptance will be made when the system obtains one target image with resolution of $\frac{L}{S}$. Resolution is defined as $\frac{L}{S}$ where L is the spatial frequency of the highest resolved pattern in the 'long' (perpendicular) direction and S is the spatial frequency of the highest resolved pattern in the 'short' (parallel) direction. A further condition for acceptance will be that the system must obtain substantially all the programmed photography in the eight, or more, planned runs."

We request your approval of the above as a final acceptance test for type IA and IB with the proviso that provisional acceptance will occur at 30 June '63 and that M & O work after 30 June '63 on these systems will be subject of a separate contract as implied in Paragraph 12.2 of the Statement of Work.

Charlie

CMH:jkh
Attachment